

ABSTRACT

5 The present invention provides steel plate or steel
pipe with small occurrence of the Bauschinger effect and
methods of production of the same, particularly steel
pipe used for steel pipe for oil wells or line pipe with
a small drop in the compression strength in the
circumferential direction due to the Bauschinger effect
when expanded and methods of production of the same, that
10 is steel plate or steel pipe with small occurrence of the
Bauschinger effect characterized by having a dual-phase
structure substantially comprising a ferrite structure
and fine martensite which is dispersed in the ferrite
structure. Further, this steel plate or steel pipe
15 contains, by mass%, C: 0.03 to 0.30%, Si: 0.01 to 0.8%,
Mn: 0.3 to 2.5%, P: 0.03% or less, S: 0.01% or less, Al:
0.001 to 0.01%, and N: 0.01% or less and a balance of
iron and unavoidable impurities.